MMI

Diagnostic program + knowledge base

CSR in CAC-LAN

Data completion unit

Completion unit configuration

Request

TD data converterall protocols

Joint data structure

Fleet

Model series

board W 203 W 211

Converter

configuration

SAS server

CSR interface

SAS interface

TS kernel

Fleet board

server

Diagnosis program

Completion unit

configuration

Providing

data

knowledge base

Automatic

data

completion

TS kernel

Dispatcher

TD data

TD result

Vehicle

Data

supplementation

Request (via TSID) TSID

(request)

Control

+ visualization

Thesaurus

Telediagnosis viewer

[see source for FIG 3]

Dispatcher

CSR selected

TS kernel

Generating

Vehicle (car, truck)

Driver

TS kernel

TS data

Converter configuration 1/BR

Data converter

XML data file system
(database)

Completion unit configuration 1/BR

Data completion unit

Thesaurus

Diagnostic program

knowledge base

Visu Server

Visualization

DAS

Vehicle Thesaurus

SGS data Text generator text list file for BR

Control unit

structure Vehicle

Linker output Control data file

unit variants

SMS Processed

data Analysis and

packet of SMS structured SAS data packets TD data DB

CAN matrix

Variant handling

D:\SAS homepage\home(V2.0).HTM Microsoft Internet Explorer

Address

Change to

Welcome to the Service Assistance System (SAS)

TSID

1-2P21EM

TSID:

1-2P21EM

Full report

Date/Time: 2/1/03, 9:14:04 p.m. CET

0

Small report

Vehicle data:

German

Mileage

Start Reset

Vehicle condition:

ESP information light

flashing defective

High beam driver's side Motor oil level

minimum reached

Defects found:

ESP (electric stability program)

C0815 rpm sensor interrupted C4711 Steering angle sensor not

initialized

SRS (airbag)

B1234 Line to belt lock front left

has short circuit to ground

B9876 Coding for side airbag rear

not correct

[see source for FIG 8]

WO 2004/104836 PCT/EP2004/004042

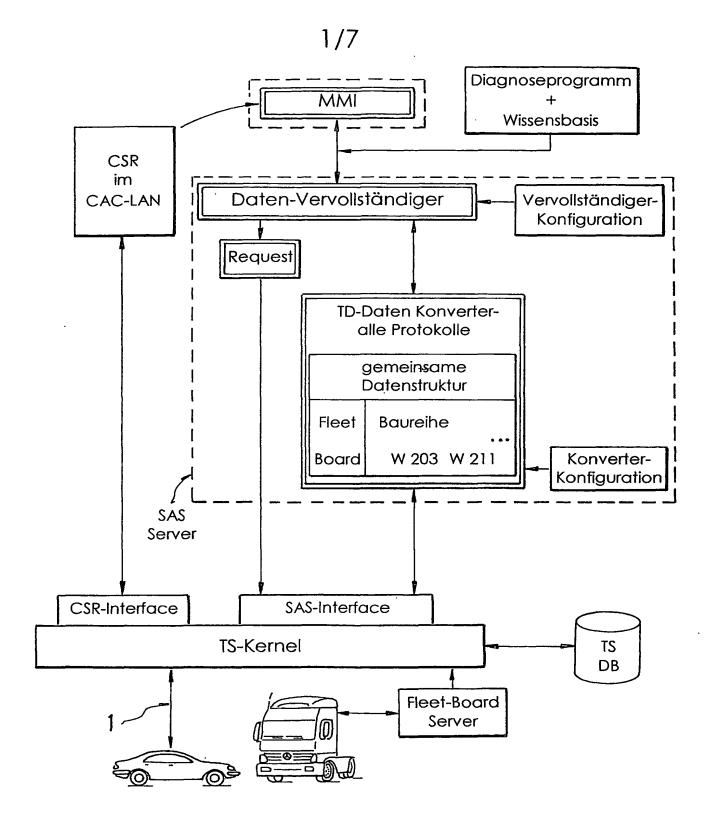


FIG. 1

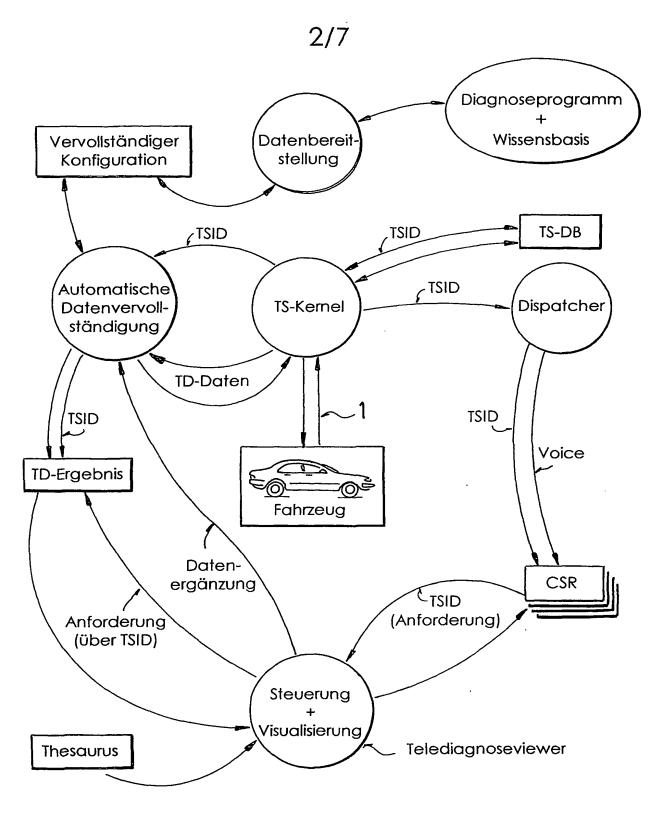
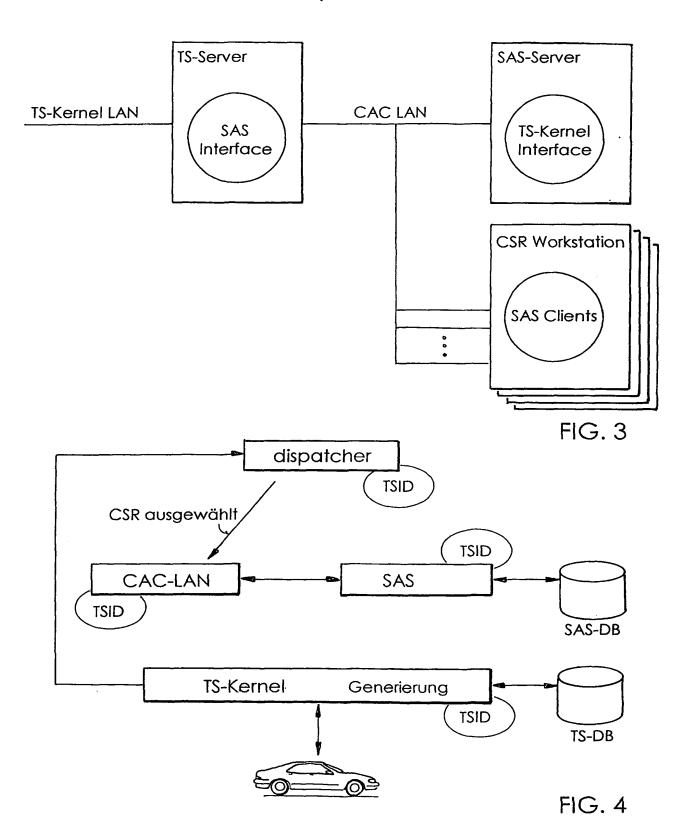


FIG. 2

3/7





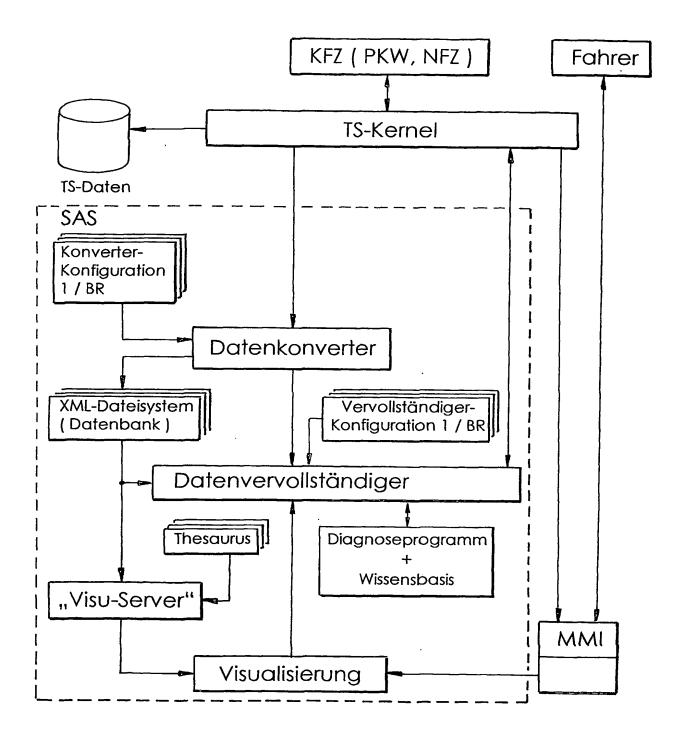
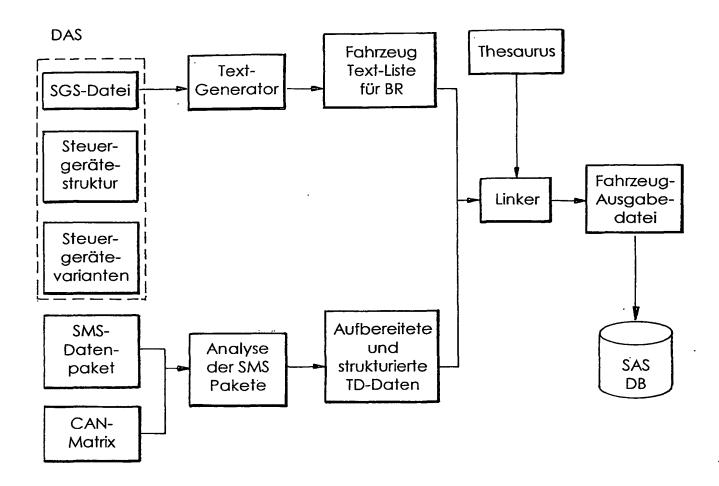


FIG. 5



Varianten-handling

FIG. 6

D:\SAS Homepage\home(V2.0).HTM-Microsoft Internet Explorer		
D:\SAS Homepage\home (V2.0).HTM		<b>▼</b> ⇔ Wechseln zu
Servio	Willkommen beim ce Assistance System (S	SAS)
TSID:	1-2P21EM	
Datum/Uhrzeit:	01.02.03/21:14:04 MEZ	
Fahrzeugdaten: FIN KM-Stand:	WDB211086ABCDEF12 123 456 km	
Fahrzeugzustand: ESP-Infolampeblinkend Fernlicht Fahrerseitedefekt Motor-ÖlstandMinimum erreicht		
ESP (Elektr. St C0815 C4711 SRS (Airbag) B1234	abilitätskontrolle) 5Drehzahls 6Lenkwinke 6Leitung zu 7 Kurzschluß	elsensor nicht initialisiert um Gurtschloß VL hat B nach Masse g Sidebag hinten
	Service TSID: Datum/Uhrzeit: Fahrzeugdaten: FIN KM-Stand: Fahrzeugzustand: ESP-Infolamp Fernlicht Fahr Motor-Ölstan Vorhandene Fehr ESP (Elektr. St. C0815 C4711 SRS (Airbag) B1234	Willkommen beim Service Assistance System (S  TSID: 1-2P21EM Datum/Uhrzeit: 01.02.03/21:14:04 MEZ  Fahrzeugdaten: FIN WDB211086ABCDEF12 KM-Stand: 123 456 km  Fahrzeugzustand: ESP-Infolampe

7/7

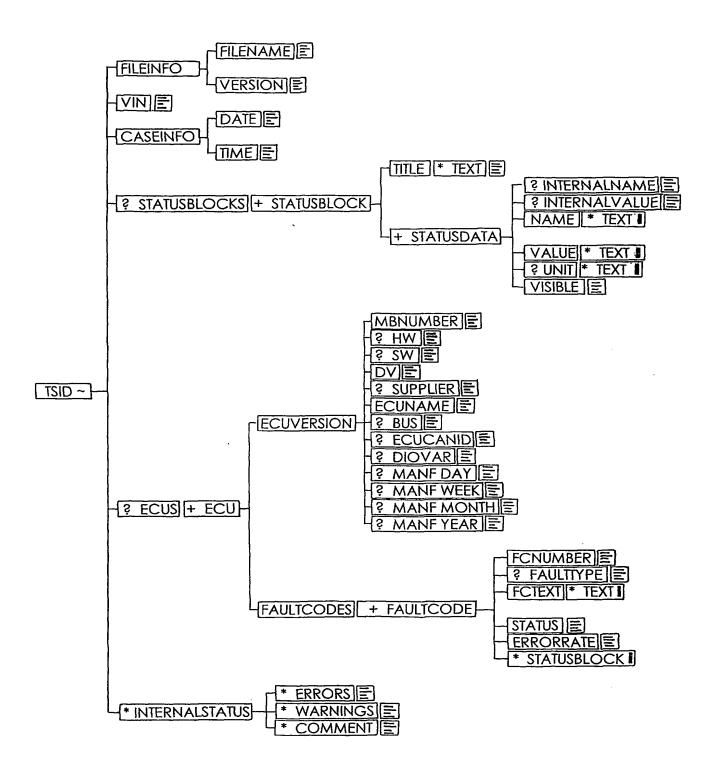


FIG. 8